CIVIL QUALITY
CONSULTANTS & ENGINEERS
ISO 9001:2015 Certified & NABL Accredited
Laboratory as per ISO/IEC - 17025-2017

Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/MR/017/2021-22 Date: 03.03.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Executive Engineer,** Project Division, RR Nagara Zone, BBMP, Bangalore.

Agency : **M/s. M R Infra,** Contractor, Bangalore.

Consultant Agency : M/s ESS ESS Builders

Name of the work : Construction of Rajarajeshwari school (kalpana) building in ward no.17 J.P Park, BBMP, Bangalore.

Sample ID : Cement Concrete (Column concrete for FF)

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M30

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	24.02.2022	03.03.2022	8.061	525.3	23.35
2	24.02.2022	03.03.2022	8.196	520.4	23.13
3	24.02.2022	03.03.2022	8.094	496.2	22.05

Note:

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3. Any discrepancy regarding the report must be reported within 30 days from the date of testing.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

AE / JE (P) RRN A.E.E (P)
R.R. Nagar

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056.
Contact: 8553518550, 080-23240644 Email: civilqualityconsultants@gmail.com

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ISO 9001:2015 Certified & NABL Accredited Laboratory as per ISO/IEC - 17025-2017

Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/MR/017/2021-22

Date: 21.03.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Executive Engineer,** Project Division, RR Nagara Zone, BBMP, Bangalore.

Agency : **M/s. M R Infra,** Contractor, Bangalore.

Consultant Agency : M/s ESS ESS Builders

Name of the work : Construction of Rajarajeshwari school (kalpana) building in ward no.17 J.P Park, BBMP, Bangalore.

Sample ID : Cement Concrete (FF Roof slab and beam)

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M30

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	14.03.2022	21.03.2022	8.124	524.3	23.30
2	14.03.2022	21.03.2022	8.155	520.1	23.12
3	14.03.2022	21.03.2022	8.132	511.5	22.73

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Authorised Signatory

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Bruhath Bangalore Mahanagara ... Engineer, (Project) Rajarajeshwari Nagara Zone, B.B.M.P Bangalore

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ISO 9001:2015 Certified & NABL Accredited Laboratory as per ISO/IEC - 17025-2017

Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Date: 21.03.2022

Job No.: CQCE/BBMP/MR/017/2021-22

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Executive Engineer,** Project Division, RR Nagara Zone, BBMP, Bangalore.

Agency : **M/s. M R Infra,** Contractor, Bangalore.

Consultant Agency : M/s ESS ESS Builders

Name of the work : Construction of Rajarajeshwari school (kalpana) building in ward no.17 J.P Park, BBMP, Bangalore.

Sample ID : Cement Concrete (FF Roof slab and beam)

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M30

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	14.03.2022	21.03.2022	8.057	505.2	22.45
2	14.03.2022	21.03.2022	8.094	497.3	22.10
3	14.03.2022	21.03.2022	8.113	522.2	23.21

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/MR/017/2021-22

Date: 21.03.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Executive Engineer,** Project Division, RR Nagara Zone, BBMP, Bangalore.

Agency : **M/s. M R Infra,** Contractor, Bangalore.

Consultant Agency : M/s ESS ESS Builders

Name of the work : Construction of Rajarajeshwari school (kalpana) building in ward no.17 J.P Park, BBMP, Bangalore.

Sample ID : Cement Concrete (FF Roof slab and beam)

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M30

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	14.03.2022	21.03.2022	8.054	526.4	23.40
2	14.03.2022	21.03.2022	8.118	527.2	23.43
3	14.03.2022	21.03.2022	8.126	512.1	22.76

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Date: 21.03.2022

Job No.: CQCE/BBMP/MR/017/2021-22

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	**: Executive Engineer,** Project Division, RR Nagara Zone, BBMP, Bangalore.
Agency	**: M/s. M R Infra,** Contractor, Bangalore.
Consultant Agency	: M/s ESS ESS Builders
Name of the work	: Construction of Rajarajeshwari school (kalpana) building in ward no.17 J.P Park, BBMP, Bangalore.
Sample ID	: Cement Concrete (FF Roof slab and beam)
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M30
Compressive Strength as on	: 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	14.03.2022	21.03.2022	8.127	535.2	23.79
2	14.03.2022	21.03.2022	8.121	522.4	23.22
3	14.03.2022	21.03.2022	8.094	512.9	22.80

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/MR/017/2021-22

Date: 21.03.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Executive Engineer,** Project Division, RR Nagara Zone, BBMP, Bangalore.

Agency : **M/s. M R Infra,** Contractor, Bangalore.

Consultant Agency : M/s ESS ESS Builders

Name of the work : Construction of Rajarajeshwari school (kalpana) building in ward no.17 J.P Park, BBMP, Bangalore.

Sample ID : Cement Concrete (FF Roof slab and beam)

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M30

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	14.03.2022	21.03.2022	8.054	513.3	22.81
2	14.03.2022	21.03.2022	8.124	506.4	22.51
3	14.03.2022	21.03.2022	8.137	522.7	23.23

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/MR/017/2021-22

Date: 05.04.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	: **Executive Engineer,** Project Division, RR Nagara Zone, BBMP, Bangalore.
Agency	: **M/s. M R Infra,** Contractor, Bangalore.
Consultant Agency	: M/s ESS ESS Builders
Name of the work	: Construction of Rajarajeshwari school (kalpana) building in ward no.17 J.P Park, BBMP, Bangalore.
Sample ID	: Cement Concrete (Column concrete for SF)
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M30
Compressive Strength as on	: 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	29.03.2022	05.04.2022	8.067	537.5	23.89
2	29.03.2022	05.04.2022	8.098	528.6	23.49
3	29.03.2022	05.04.2022	8.045	514.2	22.85

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Date: 25.04.2022

Job No.: CQCE/BBMP/MR/017/2021-22

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Executive Engineer,** Project Division, RR Nagara Zone, BBMP, Bangalore.

Agency : **M/s. M R Infra,** Contractor, Bangalore.

Consultant Agency : M/s ESS ESS Builders

Name of the work : Construction of Rajarajeshwari school (kalpana) building in ward no.17 J.P Park, BBMP, Bangalore.

Sample ID : Cement Concrete (SF Roof slab and Beam)

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M30

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	18.04.2022	25.04.2022	8.075	522.4	23.22
2	18.04.2022	25.04.2022	8.095	521.3	23.17
3	18.04.2022	25.04.2022	8.134	514.4	22.86

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/MR/017/2021-22

Date: 25.04.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Executive Engineer,** Project Division, RR Nagara Zone, BBMP, Bangalore.

Agency : **M/s. M R Infra,** Contractor, Bangalore.

Consultant Agency : M/s ESS ESS Builders

Name of the work : Construction of Rajarajeshwari school (kalpana) building in ward no.17 J.P Park, BBMP, Bangalore.

Sample ID : Cement Concrete (SF Roof slab and Beam)

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M30

Compressive Strength as on : 7th day

SLNo.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	18.04.2022	25.04.2022	8.199	513.2	22.81
2	18.04.2022	25.04.2022	8.187	504.2	22.41
3	18.04.2022	25.04.2022	8.154	522.5	23.22

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/MR/017/2021-22

Date: 25.04.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	**: Executive Engineer,** Project Division, RR Nagara Zone, BBMP, Bangalore.
Agency	**: M/s. M R Infra,** Contractor, Bangalore.
Consultant Agency	: M/s ESS ESS Builders
Name of the work	: Construction of Rajarajeshwari school (kalpana) building in ward no.17 J.P Park, BBMP, Bangalore.
Sample ID	: Cement Concrete (SF Roof slab and Beam)
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M30

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	18.04.2022	25.04.2022	8.133	504.5	22.42
2	18.04.2022	25.04.2022	8.145	522.3	23.21
3	18.04.2022	25.04.2022	8.167	511.2	22.72

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Job No.: CQCE/BBMP/MR/017/2021-22

Date: 25.04.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Executive Engineer,** Project Division, RR Nagara Zone, BBMP, Bangalore.

Agency : **M/s. M R Infra,** Contractor, Bangalore.

Consultant Agency : M/s ESS ESS Builders

Name of the work : Construction of Rajarajeshwari school (kalpana) building in ward no.17 J.P Park, BBMP, Bangalore.

Sample ID : Cement Concrete (SF Roof slab and Beam)

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M30

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	18.04.2022	25.04.2022	8.059	524.2	23.30
2	18.04.2022	25.04.2022	8.195	522.6	23.23
3	18.04.2022	25.04.2022	8.093	510.2	22.68

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/MR/017/2021-22

Date: 25.04.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Executive Engineer,** Project Division, RR Nagara Zone, BBMP, Bangalore.

Agency : **M/s. M R Infra,** Contractor, Bangalore.

Consultant Agency : M/s ESS ESS Builders

Name of the work : Construction of Rajarajeshwari school (kalpana) building in ward no.17 J.P Park, BBMP, Bangalore.

Sample ID : Cement Concrete (SF Roof slab and Beam)

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M30

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	18.04.2022	25.04.2022	8.127	525.2	23.34
2	18.04.2022	25.04.2022	8.153	522.2	23.21
3	18.04.2022	25.04.2022	8.135	513.4	22.82

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Authorised Signatory

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Date: 07.03.2022

Job No.: CQCE/BBMP/MR/017/2021-22

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Executive Engineer,** Project Division, RR Nagara Zone, BBMP, Bangalore.

Agency : **M/s. M R Infra,** Contractor, Bangalore.

Consultant Agency : M/s ESS ESS Builders

Name of the work : Construction of Rajarajeshwari school (kalpana) building in ward no.17 J.P Park, BBMP, Bangalore.

Sample ID : Cement Concrete (Lintel And staircase FF)

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{25}

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	28.02.2022	07.03.2022	8.023	410.6	18.25
2	28.02.2022	07.03.2022	8.005	400.9	17.82
3	28.02.2022	07.03.2022	8.067	421.8	18.75

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3. Any Query regarding the report must be reported within 30 days from the date of testing.

ESS ESS Builders & Architects Bengaluru Reg.No 2555343 Consulting Engineers

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

AE / JE (P) RRNA.E.E (P) R.R. Nagar

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Bruhath Bangalore Mahanagara Palike

the Executive Engineer, (Project) Rajarajeshwari Nagara Zone, B.B.M.P. Bangalore

CIVIL QUALITY CONSULTANTS & ENGINEERS

ISO 9001:2015 Certified & NABL Accredited Laboratory as per ISO/IEC - 17025-2017

Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/MR/017/2021-22

Date: 13.04.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Executive Engineer,** Project Division, RR Nagara Zone, BBMP, Bangalore.

Agency : **M/s. M R Infra,** Contractor, Bangalore.

Consultant Agency : M/s ESS ESS Builders

Name of the work : Construction of Rajarajeshwari school (kalpana) building in ward no.17 J.P Park, BBMP, Bangalore.

Sample ID : Cement Concrete (Lintel And staircase FF)

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{25}

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	06.04.2022	13.04.2022	8.144	424.7	18.88
2	06.04.2022	13.04.2022	8.100	412.4	18.33
3	06.04.2022	13.04.2022	8.063	406.8	18.08

Note:

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